

## Course Specification Student Version

<b>Course Title:</b>	Clinical Fixed Prosthodontics - 1
<b>Course Code:</b>	SDC 521
<b>Department:</b>	Dentistry
<b>Program:</b>	Bachelor of Dentistry
<b>College:</b>	Vision College in Riyadh
<b>Institution:</b>	Vision College in Riyadh
<b>Revised:</b>	July 2025

## A. Course Identification

1. Credit hours: 3 (1 + 0 + 2)
2. Level/year at which this course is offered: Level 9/Year 5
3. Pre-requisites for this course (if any): SDC 422
4. Co-requisites for this course (if any): None

## B. Teaching Methods

1	Interactive Lecture/ Case-Based Learning
2	Clinical Sessions/ Clinical Supervision/ Demonstration and Role-Playing

## C. Course Description and objectives

### 1. Course Description

This course is divided into theoretical and clinical components. The theoretical component addresses the different aspects for management of patients with fixed prosthodontics. The clinical component is the first clinical course in fixed prosthodontics. It is a clinical setting in which the student should have an opportunity to perform the clinical procedures commonly associated with patients requiring fixed prosthodontics treatment.

### 2. Course Main Objective

By the end of this course, the student should be able to select cases, formulate a treatment plan and treat basic prosthodontic cases efficiently under controlled guidance and supervision in the college clinics.

### 3. Course Objectives

**By the end of this course, students should be able to:**

- Identify the indications and limitations of different materials used in fixed prosthodontic construction.
- Describe all the steps required to replace missing teeth or restore damaged teeth with conventional fixed prosthesis.
- Discuss the principles of color science and shade selection.
- Formulate a treatment plan for patients indicated for conventional fixed prosthesis.
- Perform the basic steps of teeth preparation, provisional restorations, final impression and shade selection.
- Manipulate different materials used during clinical management of fixed prosthesis.
- Demonstrate ethics and professionalism in dental practice.
- Show proper time and resources management in clinical dental practice.
- Express effective communication with the patients and other members in the dental clinics.

#### D. Course Content

No.	List of Topics
1	Introduction to the course
2	Diagnosis (Medical & Dental history, Clinical Examination, Radiographic examination & study cast analysis) for FPD cases.
3	Treatment plan in FPD
4	Impression materials & Techniques in FPD
5	Checking & verification of FPD
6	Color science & shade selection
7	Cementation & Bonding of FPD

#### E. Assessment tools

#	Assessment task	Percentage of Total Assessment Score
1	Clinical evaluation	40%
2	Midterm written Exam	20%
3	Case- based exam	10%
4	Final term written Exam	30%
	<b>Total</b>	<b>100%</b>

#### F. Learning Resources

<b>Required Textbooks</b>	Shillingburg HT, Hobo S, Whitsett L and Brackett S (2012). Fundamentals of fixed prosthodontics. 4 <sup>th</sup> ed. Quintessence: Chicago. Contemporary Fixed Prosthodontics, Rosenstiel S.F and Land M.F, 5 <sup>th</sup> ed. Mosby (2016).
<b>Essential Reference Material</b>	Planning & making crown and bridges 4 <sup>th</sup> ed. (2007)
<b>Electronic Material</b>	Online resources on MOODLE